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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

11-24-2021

2021-11-24_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus
Symptoms

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Outbreak
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School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

NOTE: COVID-19 data will not be posted Friday, November 26 due to the Thanksgiving holiday. Data will be posted starting again Monday, November 29.

Note on cases (11/24/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the two days (Tuesday and Wednesday), the average number of new confirmed cases is ~8502 per day.

Note on deaths (11/24/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **143** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data?** [Click here.](#)

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

51-349

350-4003

4004-17561

17562-164812

164813+

Michigan

Wednesday, November 24, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,542,145
Serology	738,383
Total	19,280,528

Microsoft Power BI

< 1 of 7 >

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	4.96%	3.24%
Non-Hispanic/Latino	69.77%	88.75%
Unknown	25.27%	8.01%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.38%	1.60%
Non-Arab	46.16%	51.96%
Unknown	51.45%	46.44%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 11/24/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 11/19/2021): 1,075,956

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on November 19, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to October 20, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records



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ADA
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POLICIES

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Select Preparedness Region:

All



Select County:

All



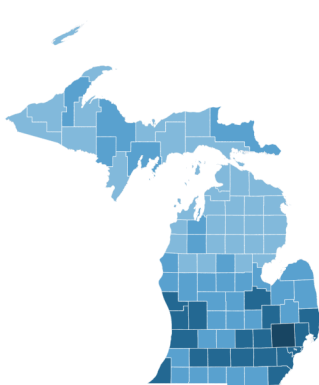
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



- 51-349
- 350-4003
- 4004-17561
- 17562-164812
- 164813+

Michigan

Wednesday, November 24, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,276,264	23,595
Probable	170,966	1,649
Total	1,447,230	25,244

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,542,145
Serology	738,383
Total	19,280,528

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

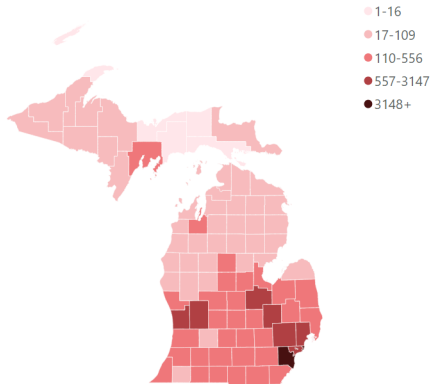
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Wednesday, November 24, 2021

Michigan (Statewide) Case Fatality Rate

1.8%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,276,264	23,595
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Total	1,447,230	25,244

Laboratory Testing

TestType	Tests Performed
Diagnostic	18,542,145
Serology	738,383
Total	19,280,528

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

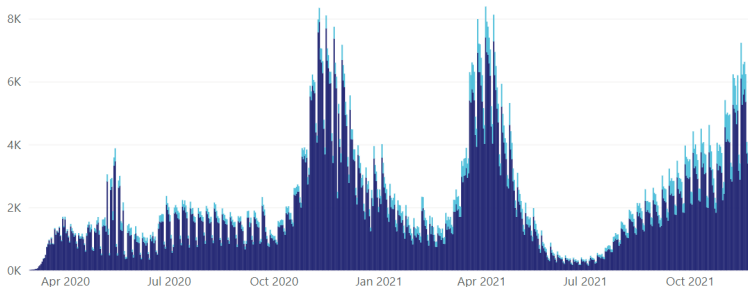
Filter by Date:

3/1/2020

11/24/2021

Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

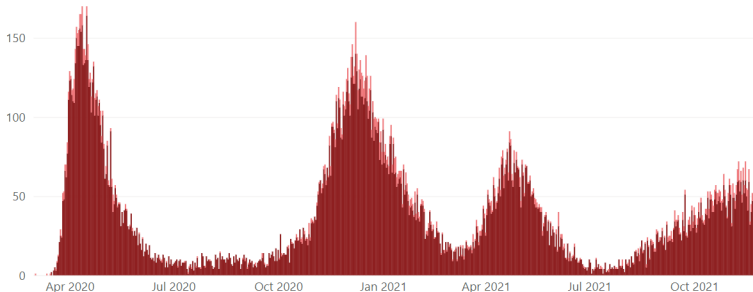
Filter by Date:

3/1/2020

11/24/2021

Deaths by Date of Death

CASE_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

11/24/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths

1.4M

1.2M

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

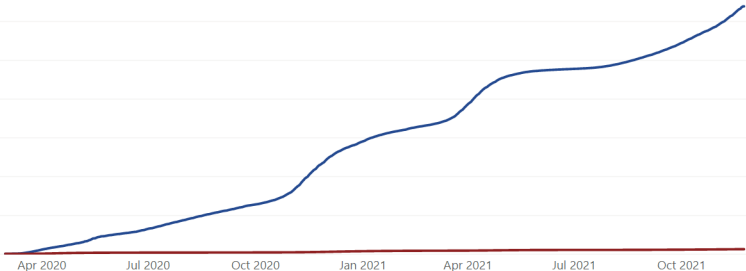
Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

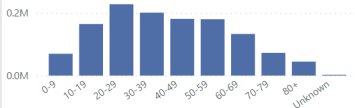
Select Preparedness Region:

All

Select county:

All

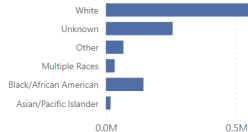
Cases by Age Group



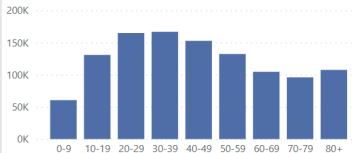
Cases by Sex



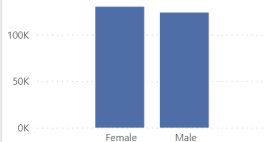
Cases by Race



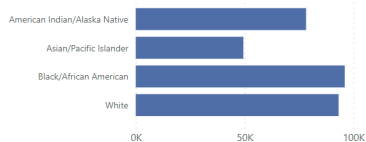
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

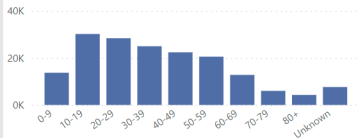
Select Preparedness Region:

All

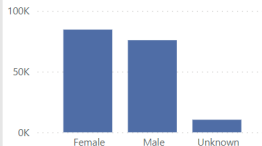
Select county:

All

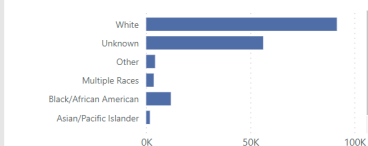
Cases by Age Group



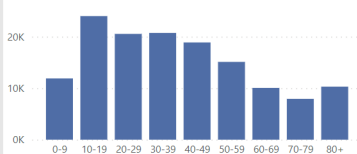
Cases by Sex



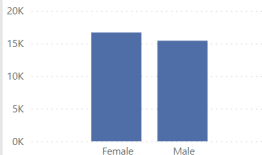
Cases by Race



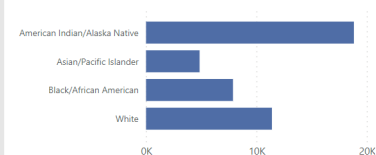
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

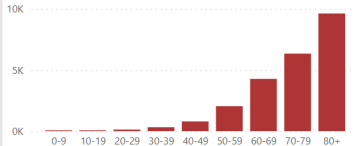
Select Preparedness Region:

All

Select county:

All

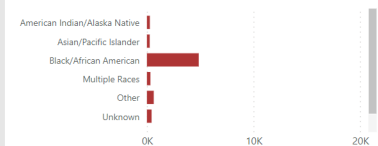
Deaths by Age Group



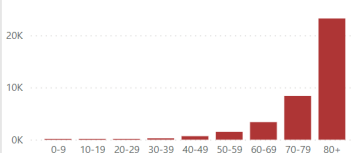
Deaths by Sex



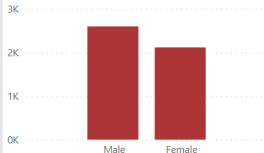
Deaths by Race



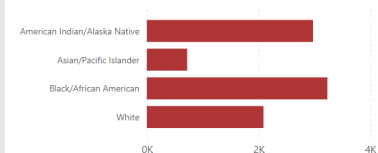
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

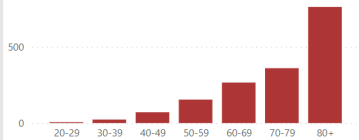
Select Preparedness Region:

All

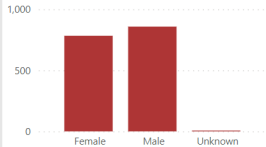
Select county:

All

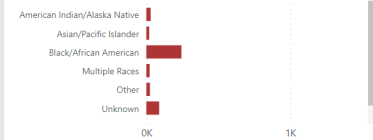
Deaths by Age Group



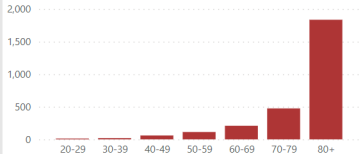
Deaths by Sex



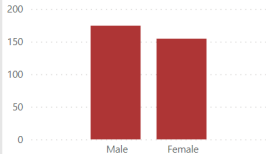
Deaths by Race



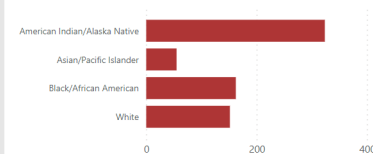
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

3/10/2020

11/23/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

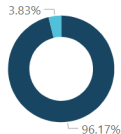
Jul 2021

Oct 2021

Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	18,542,145	1,855,861
Serology	738,383	73,904
Total	19,280,528	1,929,765

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology



STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

Filter by Date

3/10/2020

11/23/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Percent of Confirmatory Tests That Were Positive

Positivity
60%
40%
20%
0%

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-11-24

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/11/24 15:06:27	Alcona	990	43	300	6
2021/11/24 15:06:27	Alger	621	4	347	5
2021/11/24 15:06:27	Allegan	15755	190	1808	27
2021/11/24 15:06:27	Alpena	2953	77	980	4
2021/11/24 15:06:27	Antrim	2106	36	663	6
2021/11/24 15:06:27	Arenac	1874	43	186	1
2021/11/24 15:06:27	Baraga	1167	44	202	2
2021/11/24 15:06:27	Barry	8038	93	1346	7
2021/11/24 15:06:27	Bay	15606	403	1300	20
2021/11/24 15:06:27	Benzie	1600	40	442	4
2021/11/24 15:06:27	Berrien	19077	322	2277	23
2021/11/24 15:06:27	Branch	6788	117	719	5
2021/11/24 15:06:27	Calhoun	18223	364	3207	20
2021/11/24 15:06:27	Cass	6826	94	1048	7
2021/11/24 15:06:27	Charlevoix	2089	35	876	7
2021/11/24 15:06:27	Cheboygan	2407	70	841	3
2021/11/24 15:06:27	Chippewa	1838	44	2565	10
2021/11/24 15:06:27	Clare	3804	113	660	3
2021/11/24 15:06:27	Clinton	8522	121	3572	7
2021/11/24 15:06:27	Crawford	1445	17	239	0
2021/11/24 15:06:27	Delta	5298	99	1199	20
2021/11/24 15:06:27	Dickinson	3329	69	1206	17
2021/11/24 15:06:27	Eaton	13478	261	2258	15
2021/11/24 15:06:27	Emmet	2877	54	983	1
2021/11/24 15:06:27	Genesee	46233	1072	13677	90
2021/11/24 15:06:27	Gladwin	3075	79	599	4
2021/11/24 15:06:27	Gogebic	1630	27	422	29
2021/11/24 15:06:27	Grand Traverse	8780	116	1878	17
2021/11/24 15:06:27	Gratiot	5052	133	1839	6
2021/11/24 15:06:27	Hillsdale	6500	139	702	5
2021/11/24 15:06:27	Houghton	4307	51	828	10
2021/11/24 15:06:27	Huron	4231	94	1335	8
2021/11/24 15:06:27	Ingham	31385	482	4386	13
2021/11/24 15:06:27	Ionia	10214	108	276	3
2021/11/24 15:06:27	Iosco	3075	97	382	6
2021/11/24 15:06:27	Iron	1506	52	168	11
2021/11/24 15:06:27	Isabella	8599	133	1628	7
2021/11/24 15:06:27	Jackson	22495	353	2653	13
2021/11/24 15:06:27	Kalamazoo	30165	434	3855	51
2021/11/24 15:06:27	Kalkaska	1915	39	175	1
2021/11/24 15:06:27	Kent	99160	972	8257	103
2021/11/24 15:06:27	Keweenaw	310	7	41	1
2021/11/24 15:06:27	Lake	1019	22	135	3
2021/11/24 15:06:27	Lapeer	11016	260	2271	8
2021/11/24 15:06:27	Leelanau	1561	30	494	2
2021/11/24 15:06:27	Lenawee	13464	207	2099	6

2021/11/24 15:06:27	Livingston	23605	261	4188	17
2021/11/24 15:06:27	Luce	401	4	439	1
2021/11/24 15:06:27	Mackinac	964	13	496	1
2021/11/24 15:06:27	Macomb	125462	2681	11741	159
2021/11/24 15:06:27	Manistee	1788	38	333	5
2021/11/24 15:06:27	Marquette	6616	83	1451	5
2021/11/24 15:06:27	Mason	3762	55	243	1
2021/11/24 15:06:27	Mecosta	5253	57	340	2
2021/11/24 15:06:27	Menominee	2823	47	988	5
2021/11/24 15:06:27	Midland	10828	145	987	11
2021/11/24 15:06:27	Missaukee	1660	28	388	13
2021/11/24 15:06:27	Monroe	19216	294	4153	32
2021/11/24 15:06:27	Montcalm	8996	140	1211	3
2021/11/24 15:06:27	Montmorency	884	33	334	2
2021/11/24 15:06:27	Muskegon	24341	430	1006	13
2021/11/24 15:06:27	Newaygo	7158	92	508	3
2021/11/24 15:06:27	Oakland	143007	2608	21807	176
2021/11/24 15:06:27	Oceana	4125	69	212	6
2021/11/24 15:06:27	Ogemaw	2495	64	539	7
2021/11/24 15:06:27	Ontonagon	609	22	76	1
2021/11/24 15:06:27	Osceola	3034	49	464	0
2021/11/24 15:06:27	Oscoda	900	40	187	2
2021/11/24 15:06:27	Otsego	2970	59	870	7
2021/11/24 15:06:27	Ottawa	44339	489	4059	68
2021/11/24 15:06:27	Presque Isle	1218	43	367	2
2021/11/24 15:06:27	Roscommon	2555	73	608	6
2021/11/24 15:06:27	Saginaw	28887	680	2306	24
2021/11/24 15:06:27	Sanilac	5021	138	833	10
2021/11/24 15:06:27	Schoolcraft	710	5	268	1
2021/11/24 15:06:27	Shiawassee	8914	140	1787	8
2021/11/24 15:06:27	St Clair	21287	525	4372	27
2021/11/24 15:06:27	St Joseph	8536	121	1151	11
2021/11/24 15:06:27	Tuscola	7154	199	1456	18
2021/11/24 15:06:27	Van Buren	10004	166	721	16
2021/11/24 15:06:27	Washtenaw	33772	329	4052	8
2021/11/24 15:06:27	Wayne	139579	2948	10714	200
2021/11/24 15:06:27	Wexford	3686	62	720	5
2021/11/24 15:06:27	MDOC	26026	153	1988	3
2021/11/24 15:06:27	FCI	316	5	5	0
2021/11/24 15:06:27	Out-of-State	2483	28	193	3
2021/11/24 15:06:27	Unknown	18	1	33	0
2021/11/24 15:06:27	Detroit City	68459	2518	5048	150

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-11-24

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	303	0
Confirmed	10-19	American Indian/Alaska Native	Female	585	0
Confirmed	20-29	American Indian/Alaska Native	Female	736	0
Confirmed	30-39	American Indian/Alaska Native	Female	651	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	565	10
Confirmed	50-59	American Indian/Alaska Native	Female	498	17
Confirmed	60-69	American Indian/Alaska Native	Female	330	26
Confirmed	70-79	American Indian/Alaska Native	Female	162	35
Confirmed	80+	American Indian/Alaska Native	Female	90	40
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	517	0
Confirmed	10-19	Asian/Pacific Islander	Female	1190	0
Confirmed	20-29	Asian/Pacific Islander	Female	1927	0
Confirmed	30-39	Asian/Pacific Islander	Female	1765	6
Confirmed	40-49	Asian/Pacific Islander	Female	1493	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1132	11
Confirmed	60-69	Asian/Pacific Islander	Female	583	16
Confirmed	70-79	Asian/Pacific Islander	Female	306	32
Confirmed	80+	Asian/Pacific Islander	Female	172	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	4473	Suppressed
Confirmed	10-19	Black/African American	Female	8914	Suppressed
Confirmed	20-29	Black/African American	Female	15390	24
Confirmed	30-39	Black/African American	Female	14204	48
Confirmed	40-49	Black/African American	Female	10664	101
Confirmed	50-59	Black/African American	Female	8814	259
Confirmed	60-69	Black/African American	Female	6730	531
Confirmed	70-79	Black/African American	Female	3670	618
Confirmed	80+	Black/African American	Female	2314	755
Confirmed	Unknown	Black/African American	Female	36	0
Confirmed	0-9	Multiple Races	Female	1151	0
Confirmed	10-19	Multiple Races	Female	2911	Suppressed
Confirmed	20-29	Multiple Races	Female	3356	0
Confirmed	30-39	Multiple Races	Female	2488	Suppressed
Confirmed	40-49	Multiple Races	Female	2381	Suppressed
Confirmed	50-59	Multiple Races	Female	2393	10
Confirmed	60-69	Multiple Races	Female	1726	23
Confirmed	70-79	Multiple Races	Female	949	35
Confirmed	80+	Multiple Races	Female	586	73
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	2507	Suppressed
Confirmed	10-19	Other	Female	4935	Suppressed
Confirmed	20-29	Other	Female	6699	Suppressed
Confirmed	30-39	Other	Female	5490	Suppressed
Confirmed	40-49	Other	Female	4983	15
Confirmed	50-59	Other	Female	3875	27
Confirmed	60-69	Other	Female	2471	61

Confirmed	70-79	Other	Female	1204	57
Confirmed	80+	Other	Female	741	100
Confirmed	Unknown	Other	Female	19	0
Confirmed	0-9	Unknown	Female	5642	0
Confirmed	10-19	Unknown	Female	15659	0
Confirmed	20-29	Unknown	Female	23953	Suppressed
Confirmed	30-39	Unknown	Female	21308	Suppressed
Confirmed	40-49	Unknown	Female	20171	7
Confirmed	50-59	Unknown	Female	19910	15
Confirmed	60-69	Unknown	Female	12312	33
Confirmed	70-79	Unknown	Female	5651	45
Confirmed	80+	Unknown	Female	3394	91
Confirmed	Unknown	Unknown	Female	179	0
Confirmed	0-9	White	Female	19141	Suppressed
Confirmed	10-19	White	Female	50046	Suppressed
Confirmed	20-29	White	Female	67855	26
Confirmed	30-39	White	Female	59776	62
Confirmed	40-49	White	Female	53897	163
Confirmed	50-59	White	Female	54373	442
Confirmed	60-69	White	Female	42673	1030
Confirmed	70-79	White	Female	25408	1791
Confirmed	80+	White	Female	19182	4056
Confirmed	Unknown	White	Female	158	0
Confirmed	0-9	American Indian/Alaska Native	Male	250	0
Confirmed	10-19	American Indian/Alaska Native	Male	577	0
Confirmed	20-29	American Indian/Alaska Native	Male	600	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	521	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	470	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	383	17
Confirmed	60-69	American Indian/Alaska Native	Male	304	57
Confirmed	70-79	American Indian/Alaska Native	Male	153	37
Confirmed	80+	American Indian/Alaska Native	Male	56	25
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	609	0
Confirmed	10-19	Asian/Pacific Islander	Male	1197	0
Confirmed	20-29	Asian/Pacific Islander	Male	2128	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1615	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1253	8
Confirmed	50-59	Asian/Pacific Islander	Male	1036	11
Confirmed	60-69	Asian/Pacific Islander	Male	602	35
Confirmed	70-79	Asian/Pacific Islander	Male	281	53
Confirmed	80+	Asian/Pacific Islander	Male	137	42
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	4597	0
Confirmed	10-19	Black/African American	Male	8061	Suppressed
Confirmed	20-29	Black/African American	Male	13015	30
Confirmed	30-39	Black/African American	Male	12552	66
Confirmed	40-49	Black/African American	Male	10289	168
Confirmed	50-59	Black/African American	Male	9153	375
Confirmed	60-69	Black/African American	Male	6429	635

Confirmed	70-79	Black/African American	Male	3170	734
Confirmed	80+	Black/African American	Male	1308	507
Confirmed	Unknown	Black/African American	Male	12	0
Confirmed	0-9	Multiple Races	Male	1268	Suppressed
Confirmed	10-19	Multiple Races	Male	2785	Suppressed
Confirmed	20-29	Multiple Races	Male	2818	Suppressed
Confirmed	30-39	Multiple Races	Male	2014	Suppressed
Confirmed	40-49	Multiple Races	Male	1930	9
Confirmed	50-59	Multiple Races	Male	1884	13
Confirmed	60-69	Multiple Races	Male	1572	42
Confirmed	70-79	Multiple Races	Male	853	46
Confirmed	80+	Multiple Races	Male	371	63
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	2648	Suppressed
Confirmed	10-19	Other	Male	4964	Suppressed
Confirmed	20-29	Other	Male	6744	Suppressed
Confirmed	30-39	Other	Male	5647	7
Confirmed	40-49	Other	Male	5265	34
Confirmed	50-59	Other	Male	4260	48
Confirmed	60-69	Other	Male	2569	97
Confirmed	70-79	Other	Male	1151	95
Confirmed	80+	Other	Male	489	85
Confirmed	Unknown	Other	Male	17	0
Confirmed	0-9	Unknown	Male	5896	Suppressed
Confirmed	10-19	Unknown	Male	14894	Suppressed
Confirmed	20-29	Unknown	Male	24339	Suppressed
Confirmed	30-39	Unknown	Male	21364	12
Confirmed	40-49	Unknown	Male	19235	14
Confirmed	50-59	Unknown	Male	19597	35
Confirmed	60-69	Unknown	Male	11898	43
Confirmed	70-79	Unknown	Male	4682	55
Confirmed	80+	Unknown	Male	2032	75
Confirmed	Unknown	Unknown	Male	216	0
Confirmed	0-9	White	Male	20303	Suppressed
Confirmed	10-19	White	Male	46978	Suppressed
Confirmed	20-29	White	Male	57031	37
Confirmed	30-39	White	Male	50534	97
Confirmed	40-49	White	Male	47524	255
Confirmed	50-59	White	Male	51804	765
Confirmed	60-69	White	Male	42266	1652
Confirmed	70-79	White	Male	24788	2716
Confirmed	80+	White	Male	13622	3687
Confirmed	Unknown	White	Male	128	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	6	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	9	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	12	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	6	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	10	0
Confirmed	10-19	Black/African American	Unknown	28	0
Confirmed	20-29	Black/African American	Unknown	132	0
Confirmed	30-39	Black/African American	Unknown	117	0
Confirmed	40-49	Black/African American	Unknown	124	0
Confirmed	50-59	Black/African American	Unknown	99	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	12	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	19	0
Confirmed	10-19	Multiple Races	Unknown	26	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	22	0
Confirmed	40-49	Multiple Races	Unknown	22	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	60	0
Confirmed	10-19	Other	Unknown	85	0
Confirmed	20-29	Other	Unknown	132	0
Confirmed	30-39	Other	Unknown	144	0
Confirmed	40-49	Other	Unknown	137	0
Confirmed	50-59	Other	Unknown	83	0
Confirmed	60-69	Other	Unknown	50	0
Confirmed	70-79	Other	Unknown	18	0
Confirmed	80+	Other	Unknown	17	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	306	0
Confirmed	10-19	Unknown	Unknown	674	0
Confirmed	20-29	Unknown	Unknown	822	0
Confirmed	30-39	Unknown	Unknown	638	0
Confirmed	40-49	Unknown	Unknown	610	0
Confirmed	50-59	Unknown	Unknown	528	Suppressed
Confirmed	60-69	Unknown	Unknown	314	0

Confirmed	70-79	Unknown	Unknown	141	0
Confirmed	80+	Unknown	Unknown	74	0
Confirmed	Unknown	Unknown	Unknown	81	0
Confirmed	0-9	White	Unknown	69	0
Confirmed	10-19	White	Unknown	236	0
Confirmed	20-29	White	Unknown	302	0
Confirmed	30-39	White	Unknown	275	0
Confirmed	40-49	White	Unknown	259	0
Confirmed	50-59	White	Unknown	213	0
Confirmed	60-69	White	Unknown	169	Suppressed
Confirmed	70-79	White	Unknown	69	Suppressed
Confirmed	80+	White	Unknown	29	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	100	0
Probable	10-19	American Indian/Alaska Native	Female	198	0
Probable	20-29	American Indian/Alaska Native	Female	153	0
Probable	30-39	American Indian/Alaska Native	Female	150	0
Probable	40-49	American Indian/Alaska Native	Female	118	0
Probable	50-59	American Indian/Alaska Native	Female	83	0
Probable	60-69	American Indian/Alaska Native	Female	49	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	23	Suppressed
Probable	80+	American Indian/Alaska Native	Female	11	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	66	0
Probable	10-19	Asian/Pacific Islander	Female	134	0
Probable	20-29	Asian/Pacific Islander	Female	194	0
Probable	30-39	Asian/Pacific Islander	Female	147	0
Probable	40-49	Asian/Pacific Islander	Female	142	0
Probable	50-59	Asian/Pacific Islander	Female	101	0
Probable	60-69	Asian/Pacific Islander	Female	53	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	24	Suppressed
Probable	80+	Asian/Pacific Islander	Female	9	0
Probable	Unknown	Asian/Pacific Islander	Female	8	0
Probable	0-9	Black/African American	Female	442	0
Probable	10-19	Black/African American	Female	960	0
Probable	20-29	Black/African American	Female	1428	Suppressed
Probable	30-39	Black/African American	Female	1183	Suppressed
Probable	40-49	Black/African American	Female	872	6
Probable	50-59	Black/African American	Female	633	15
Probable	60-69	Black/African American	Female	408	25
Probable	70-79	Black/African American	Female	153	21
Probable	80+	Black/African American	Female	97	38
Probable	Unknown	Black/African American	Female	32	Suppressed
Probable	0-9	Multiple Races	Female	243	0
Probable	10-19	Multiple Races	Female	445	0
Probable	20-29	Multiple Races	Female	294	0
Probable	30-39	Multiple Races	Female	221	0
Probable	40-49	Multiple Races	Female	206	0
Probable	50-59	Multiple Races	Female	184	Suppressed
Probable	60-69	Multiple Races	Female	134	Suppressed

Probable	70-79	Multiple Races	Female	49	Suppressed
Probable	80+	Multiple Races	Female	34	6
Probable	Unknown	Multiple Races	Female	72	0
Probable	0-9	Other	Female	146	0
Probable	10-19	Other	Female	362	0
Probable	20-29	Other	Female	430	0
Probable	30-39	Other	Female	342	0
Probable	40-49	Other	Female	278	0
Probable	50-59	Other	Female	214	Suppressed
Probable	60-69	Other	Female	101	Suppressed
Probable	70-79	Other	Female	47	0
Probable	80+	Other	Female	20	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1588	0
Probable	10-19	Unknown	Female	3690	0
Probable	20-29	Unknown	Female	4187	0
Probable	30-39	Unknown	Female	3497	Suppressed
Probable	40-49	Unknown	Female	3270	0
Probable	50-59	Unknown	Female	3086	Suppressed
Probable	60-69	Unknown	Female	1894	8
Probable	70-79	Unknown	Female	779	Suppressed
Probable	80+	Unknown	Female	456	24
Probable	Unknown	Unknown	Female	2035	0
Probable	0-9	White	Female	3700	0
Probable	10-19	White	Female	8503	0
Probable	20-29	White	Female	7761	Suppressed
Probable	30-39	White	Female	7300	Suppressed
Probable	40-49	White	Female	6602	13
Probable	50-59	White	Female	6015	46
Probable	60-69	White	Female	3888	55
Probable	70-79	White	Female	2027	107
Probable	80+	White	Female	2053	377
Probable	Unknown	White	Female	509	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	123	0
Probable	10-19	American Indian/Alaska Native	Male	222	0
Probable	20-29	American Indian/Alaska Native	Male	145	0
Probable	30-39	American Indian/Alaska Native	Male	114	0
Probable	40-49	American Indian/Alaska Native	Male	93	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	77	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	37	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	19	7
Probable	80+	American Indian/Alaska Native	Male	11	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	87	0
Probable	10-19	Asian/Pacific Islander	Male	151	0
Probable	20-29	Asian/Pacific Islander	Male	211	0
Probable	30-39	Asian/Pacific Islander	Male	160	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	112	0
Probable	50-59	Asian/Pacific Islander	Male	82	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	33	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	10	Suppressed
Probable	80+	Asian/Pacific Islander	Male	11	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	466	0
Probable	10-19	Black/African American	Male	922	Suppressed
Probable	20-29	Black/African American	Male	1164	Suppressed
Probable	30-39	Black/African American	Male	1049	Suppressed
Probable	40-49	Black/African American	Male	783	11
Probable	50-59	Black/African American	Male	621	24
Probable	60-69	Black/African American	Male	329	35
Probable	70-79	Black/African American	Male	127	37
Probable	80+	Black/African American	Male	47	24
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	209	0
Probable	10-19	Multiple Races	Male	446	0
Probable	20-29	Multiple Races	Male	215	Suppressed
Probable	30-39	Multiple Races	Male	182	0
Probable	40-49	Multiple Races	Male	168	Suppressed
Probable	50-59	Multiple Races	Male	127	0
Probable	60-69	Multiple Races	Male	100	Suppressed
Probable	70-79	Multiple Races	Male	45	Suppressed
Probable	80+	Multiple Races	Male	21	7
Probable	Unknown	Multiple Races	Male	64	0
Probable	0-9	Other	Male	171	0
Probable	10-19	Other	Male	385	0
Probable	20-29	Other	Male	419	0
Probable	30-39	Other	Male	342	0
Probable	40-49	Other	Male	282	Suppressed
Probable	50-59	Other	Male	194	Suppressed
Probable	60-69	Other	Male	114	6
Probable	70-79	Other	Male	48	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1625	0
Probable	10-19	Unknown	Male	3755	0
Probable	20-29	Unknown	Male	3931	0
Probable	30-39	Unknown	Male	3371	Suppressed
Probable	40-49	Unknown	Male	2952	Suppressed
Probable	50-59	Unknown	Male	2873	6
Probable	60-69	Unknown	Male	1626	8
Probable	70-79	Unknown	Male	654	10
Probable	80+	Unknown	Male	272	18
Probable	Unknown	Unknown	Male	1789	0
Probable	0-9	White	Male	3937	Suppressed
Probable	10-19	White	Male	8368	Suppressed
Probable	20-29	White	Male	6574	Suppressed
Probable	30-39	White	Male	5805	12
Probable	40-49	White	Male	5412	29
Probable	50-59	White	Male	5348	47
Probable	60-69	White	Male	3498	109

Probable	70-79	White	Male	1773	165
Probable	80+	White	Male	1131	247
Probable	Unknown	White	Male	433	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	7	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	15	0
Probable	10-19	Black/African American	Unknown	29	0
Probable	20-29	Black/African American	Unknown	12	0
Probable	30-39	Black/African American	Unknown	6	0
Probable	40-49	Black/African American	Unknown	9	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	17	0
Probable	10-19	Multiple Races	Unknown	45	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	23	0
Probable	40-49	Multiple Races	Unknown	17	0
Probable	50-59	Multiple Races	Unknown	12	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	21	0
Probable	0-9	Other	Unknown	20	0
Probable	10-19	Other	Unknown	52	0
Probable	20-29	Other	Unknown	49	0
Probable	30-39	Other	Unknown	60	0
Probable	40-49	Other	Unknown	44	0
Probable	50-59	Other	Unknown	33	0
Probable	60-69	Other	Unknown	25	0

Probable	70-79	Other	Unknown	11	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	646	0
Probable	10-19	Unknown	Unknown	1304	0
Probable	20-29	Unknown	Unknown	1086	0
Probable	30-39	Unknown	Unknown	922	Suppressed
Probable	40-49	Unknown	Unknown	920	0
Probable	50-59	Unknown	Unknown	774	0
Probable	60-69	Unknown	Unknown	445	Suppressed
Probable	70-79	Unknown	Unknown	174	0
Probable	80+	Unknown	Unknown	71	Suppressed
Probable	Unknown	Unknown	Unknown	2505	0
Probable	0-9	White	Unknown	108	0
Probable	10-19	White	Unknown	230	0
Probable	20-29	White	Unknown	117	Suppressed
Probable	30-39	White	Unknown	110	0
Probable	40-49	White	Unknown	115	0
Probable	50-59	White	Unknown	91	0
Probable	60-69	White	Unknown	45	0
Probable	70-79	White	Unknown	36	0
Probable	80+	White	Unknown	15	Suppressed
Probable	Unknown	White	Unknown	67	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-11-24

Updated	COUNTY	TestType	Count	RatePerMillion
2021/11/24 15:06:49	Alcona	Diagnostic	11344	1090245
2021/11/24 15:06:49	Alcona	Serology	244	23450
2021/11/24 15:06:49	Alcona	Total	11588	1113695
2021/11/24 15:06:49	Alger	Serology	468	51383
2021/11/24 15:06:49	Alger	Diagnostic	10086	1107378
2021/11/24 15:06:49	Alger	Total	10554	1158762
2021/11/24 15:06:49	Allegan	Diagnostic	162363	1375014
2021/11/24 15:06:49	Allegan	Serology	3780	32012
2021/11/24 15:06:49	Allegan	Total	166143	1407026
2021/11/24 15:06:49	Alpena	Diagnostic	34622	1218870
2021/11/24 15:06:49	Alpena	Serology	916	32248
2021/11/24 15:06:49	Alpena	Total	35538	1251118
2021/11/24 15:06:49	Antrim	Diagnostic	30091	1290130
2021/11/24 15:06:49	Antrim	Serology	968	41502
2021/11/24 15:06:49	Antrim	Total	31059	1331633
2021/11/24 15:06:49	Arenac	Diagnostic	25333	1702143
2021/11/24 15:06:49	Arenac	Serology	592	39777
2021/11/24 15:06:49	Arenac	Total	25925	1741920
2021/11/24 15:06:49	Baraga	Diagnostic	11130	1355829
2021/11/24 15:06:49	Baraga	Serology	69	8405
2021/11/24 15:06:49	Baraga	Total	11199	1364234
2021/11/24 15:06:49	Barry	Serology	2551	41446
2021/11/24 15:06:49	Barry	Diagnostic	80419	1306564
2021/11/24 15:06:49	Barry	Total	82970	1348010
2021/11/24 15:06:49	Bay	Serology	7978	77362
2021/11/24 15:06:49	Bay	Diagnostic	172947	1677046
2021/11/24 15:06:49	Bay	Total	180925	1754407
2021/11/24 15:06:49	Benzie	Diagnostic	17844	1004390
2021/11/24 15:06:49	Benzie	Serology	847	47675
2021/11/24 15:06:49	Benzie	Total	18691	1052066
2021/11/24 15:06:49	Berrien	Diagnostic	303962	1981486
2021/11/24 15:06:49	Berrien	Serology	7721	50332
2021/11/24 15:06:49	Berrien	Total	311683	2031819
2021/11/24 15:06:49	Branch	Diagnostic	61890	1422203
2021/11/24 15:06:49	Branch	Serology	816	18751
2021/11/24 15:06:49	Branch	Total	62706	1440954
2021/11/24 15:06:49	Calhoun	Diagnostic	267180	1991518
2021/11/24 15:06:49	Calhoun	Serology	2226	16592
2021/11/24 15:06:49	Calhoun	Total	269406	2008110
2021/11/24 15:06:49	Cass	Diagnostic	53937	1041516
2021/11/24 15:06:49	Cass	Serology	998	19271
2021/11/24 15:06:49	Cass	Total	54935	1060787
2021/11/24 15:06:49	Charlevoix	Diagnostic	31005	1185977
2021/11/24 15:06:49	Charlevoix	Serology	1286	49191
2021/11/24 15:06:49	Charlevoix	Total	32291	1235168
2021/11/24 15:06:49	Cheboygan	Diagnostic	24508	969615
2021/11/24 15:06:49	Cheboygan	Serology	759	30028

2021/11/24 15:06:49	Cheboygan	Total	25267	999644
2021/11/24 15:06:49	Chippewa	Serology	501	13414
2021/11/24 15:06:49	Chippewa	Diagnostic	40439	1082733
2021/11/24 15:06:49	Chippewa	Total	40940	1096147
2021/11/24 15:06:49	Clare	Diagnostic	38209	1234540
2021/11/24 15:06:49	Clare	Serology	1378	44523
2021/11/24 15:06:49	Clare	Total	39587	1279063
2021/11/24 15:06:49	Clinton	Serology	5140	64577
2021/11/24 15:06:49	Clinton	Diagnostic	78485	986054
2021/11/24 15:06:49	Clinton	Total	83625	1050631
2021/11/24 15:06:49	Correctional	Diagnostic	1045475	
2021/11/24 15:06:49	Correctional	Serology	31408	
2021/11/24 15:06:49	Correctional	Total	1076883	
2021/11/24 15:06:49	Crawford	Diagnostic	15438	1100435
2021/11/24 15:06:49	Crawford	Serology	437	31150
2021/11/24 15:06:49	Crawford	Total	15875	1131585
2021/11/24 15:06:49	Delta	Serology	1143	31942
2021/11/24 15:06:49	Delta	Diagnostic	57514	1607255
2021/11/24 15:06:49	Delta	Total	58657	1639196
2021/11/24 15:06:49	Detroit City	Serology	33243	51159
2021/11/24 15:06:49	Detroit City	Diagnostic	1280089	1969962
2021/11/24 15:06:49	Detroit City	Total	1313332	2021120
2021/11/24 15:06:49	Dickinson	Serology	220	8717
2021/11/24 15:06:49	Dickinson	Diagnostic	28046	1111217
2021/11/24 15:06:49	Dickinson	Total	28266	1119933
2021/11/24 15:06:49	Eaton	Diagnostic	176207	1597989
2021/11/24 15:06:49	Eaton	Serology	7574	68687
2021/11/24 15:06:49	Eaton	Total	183781	1666676
2021/11/24 15:06:49	Emmet	Diagnostic	42896	1283735
2021/11/24 15:06:49	Emmet	Serology	1857	55574
2021/11/24 15:06:49	Emmet	Total	44753	1339309
2021/11/24 15:06:49	Genesee	Serology	25157	61992
2021/11/24 15:06:49	Genesee	Diagnostic	549545	1354183
2021/11/24 15:06:49	Genesee	Total	574702	1416174
2021/11/24 15:06:49	Gladwin	Diagnostic	31981	1256670
2021/11/24 15:06:49	Gladwin	Serology	1355	53244
2021/11/24 15:06:49	Gladwin	Total	33336	1309914
2021/11/24 15:06:49	Gogebic	Serology	264	18891
2021/11/24 15:06:49	Gogebic	Diagnostic	25214	1804222
2021/11/24 15:06:49	Gogebic	Total	25478	1823113
2021/11/24 15:06:49	Grand Traverse	Diagnostic	123294	1324489
2021/11/24 15:06:49	Grand Traverse	Serology	7524	80827
2021/11/24 15:06:49	Grand Traverse	Total	130818	1405315
2021/11/24 15:06:49	Gratiot	Diagnostic	77239	1897251
2021/11/24 15:06:49	Gratiot	Serology	1424	34978
2021/11/24 15:06:49	Gratiot	Total	78663	1932230
2021/11/24 15:06:49	Hillsdale	Diagnostic	63249	1386887
2021/11/24 15:06:49	Hillsdale	Serology	1460	32014
2021/11/24 15:06:49	Hillsdale	Total	64709	1418901
2021/11/24 15:06:49	Houghton	Diagnostic	64668	1812241

2021/11/24 15:06:49	Houghton	Serology	309	8659
2021/11/24 15:06:49	Houghton	Total	64977	1820900
2021/11/24 15:06:49	Huron	Diagnostic	38809	1252671
2021/11/24 15:06:49	Huron	Serology	1228	39637
2021/11/24 15:06:49	Huron	Total	40037	1292308
2021/11/24 15:06:49	Ingham	Serology	22763	77847
2021/11/24 15:06:49	Ingham	Diagnostic	471061	1610983
2021/11/24 15:06:49	Ingham	Total	493824	1688830
2021/11/24 15:06:49	Ionia	Diagnostic	106194	1641405
2021/11/24 15:06:49	Ionia	Serology	2959	45736
2021/11/24 15:06:49	Ionia	Total	109153	1687142
2021/11/24 15:06:49	Iosco	Diagnostic	38899	1548096
2021/11/24 15:06:49	Iosco	Serology	780	31042
2021/11/24 15:06:49	Iosco	Total	39679	1579138
2021/11/24 15:06:49	Iron	Diagnostic	29838	2696367
2021/11/24 15:06:49	Iron	Serology	142	12832
2021/11/24 15:06:49	Iron	Total	29980	2709199
2021/11/24 15:06:49	Isabella	Diagnostic	92519	1324121
2021/11/24 15:06:49	Isabella	Serology	1841	26348
2021/11/24 15:06:49	Isabella	Total	94360	1350469
2021/11/24 15:06:49	Jackson	Diagnostic	302098	1905861
2021/11/24 15:06:49	Jackson	Serology	5100	32175
2021/11/24 15:06:49	Jackson	Total	307198	1938035
2021/11/24 15:06:49	Kalamazoo	Serology	7825	29521
2021/11/24 15:06:49	Kalamazoo	Diagnostic	437001	1648650
2021/11/24 15:06:49	Kalamazoo	Total	444826	1678171
2021/11/24 15:06:49	Kalkaska	Diagnostic	24689	1368722
2021/11/24 15:06:49	Kalkaska	Serology	930	51558
2021/11/24 15:06:49	Kalkaska	Total	25619	1420279
2021/11/24 15:06:49	Kent	Diagnostic	1267327	1929093
2021/11/24 15:06:49	Kent	Serology	54143	82415
2021/11/24 15:06:49	Kent	Total	1321470	2011508
2021/11/24 15:06:49	Keweenaw	Diagnostic	3266	1543478
2021/11/24 15:06:49	Keweenaw	Serology	40	18904
2021/11/24 15:06:49	Keweenaw	Total	3306	1562382
2021/11/24 15:06:49	Lake	Diagnostic	14992	1264827
2021/11/24 15:06:49	Lake	Serology	280	23623
2021/11/24 15:06:49	Lake	Total	15272	1288450
2021/11/24 15:06:49	Lapeer	Serology	4949	56491
2021/11/24 15:06:49	Lapeer	Diagnostic	96288	1099090
2021/11/24 15:06:49	Lapeer	Total	101237	1155581
2021/11/24 15:06:49	Leelanau	Serology	1257	57764
2021/11/24 15:06:49	Leelanau	Diagnostic	17656	811360
2021/11/24 15:06:49	Leelanau	Total	18913	869124
2021/11/24 15:06:49	Lenawee	Serology	3080	31285
2021/11/24 15:06:49	Lenawee	Diagnostic	179369	1821911
2021/11/24 15:06:49	Lenawee	Total	182449	1853196
2021/11/24 15:06:49	Livingston	Serology	10504	54710
2021/11/24 15:06:49	Livingston	Diagnostic	294531	1534056
2021/11/24 15:06:49	Livingston	Total	305035	1588765

2021/11/24 15:06:49	Luce	Diagnostic	8178	1312891
2021/11/24 15:06:49	Luce	Serology	39	6261
2021/11/24 15:06:49	Luce	Total	8217	1319152
2021/11/24 15:06:49	Mackinac	Diagnostic	13366	1237707
2021/11/24 15:06:49	Mackinac	Serology	210	19446
2021/11/24 15:06:49	Mackinac	Total	13576	1257153
2021/11/24 15:06:49	Macomb	Diagnostic	1330226	1522046
2021/11/24 15:06:49	Macomb	Serology	81226	92939
2021/11/24 15:06:49	Macomb	Total	1411452	1614985
2021/11/24 15:06:49	Manistee	Diagnostic	27394	1115482
2021/11/24 15:06:49	Manistee	Serology	1102	44873
2021/11/24 15:06:49	Manistee	Total	28496	1160355
2021/11/24 15:06:49	Marquette	Diagnostic	161475	2420951
2021/11/24 15:06:49	Marquette	Serology	1674	25098
2021/11/24 15:06:49	Marquette	Total	163149	2446049
2021/11/24 15:06:49	Mason	Diagnostic	48609	1667890
2021/11/24 15:06:49	Mason	Serology	1306	44812
2021/11/24 15:06:49	Mason	Total	49915	1712702
2021/11/24 15:06:49	Mecosta	Diagnostic	55705	1281960
2021/11/24 15:06:49	Mecosta	Serology	1304	30009
2021/11/24 15:06:49	Mecosta	Total	57009	1311969
2021/11/24 15:06:49	Menominee	Diagnostic	35287	1549034
2021/11/24 15:06:49	Menominee	Serology	235	10316
2021/11/24 15:06:49	Menominee	Total	35522	1559350
2021/11/24 15:06:49	Midland	Serology	8230	98971
2021/11/24 15:06:49	Midland	Diagnostic	102804	1236279
2021/11/24 15:06:49	Midland	Total	111034	1335249
2021/11/24 15:06:49	Missaukee	Diagnostic	15223	1006945
2021/11/24 15:06:49	Missaukee	Serology	776	51330
2021/11/24 15:06:49	Missaukee	Total	15999	1058275
2021/11/24 15:06:49	Monroe	Diagnostic	217072	1442339
2021/11/24 15:06:49	Monroe	Serology	7699	51156
2021/11/24 15:06:49	Monroe	Total	224771	1493495
2021/11/24 15:06:49	Montcalm	Diagnostic	108282	1694872
2021/11/24 15:06:49	Montcalm	Serology	3075	48131
2021/11/24 15:06:49	Montcalm	Total	111357	1743003
2021/11/24 15:06:49	Montmorency	Diagnostic	12574	1347985
2021/11/24 15:06:49	Montmorency	Serology	496	53173
2021/11/24 15:06:49	Montmorency	Total	13070	1401158
2021/11/24 15:06:49	Muskegon	Serology	4795	27626
2021/11/24 15:06:49	Muskegon	Diagnostic	298010	1716984
2021/11/24 15:06:49	Muskegon	Total	302805	1744610
2021/11/24 15:06:49	Newaygo	Diagnostic	64548	1317844
2021/11/24 15:06:49	Newaygo	Serology	2210	45120
2021/11/24 15:06:49	Newaygo	Total	66758	1362964
2021/11/24 15:06:49	Oakland	Serology	143720	114283
2021/11/24 15:06:49	Oakland	Diagnostic	2068000	1644423
2021/11/24 15:06:49	Oakland	Total	2211720	1758706
2021/11/24 15:06:49	Oceana	Diagnostic	48594	1836022
2021/11/24 15:06:49	Oceana	Serology	1169	44168

2021/11/24 15:06:49	Oceana	Total	49763	1880190
2021/11/24 15:06:49	Ogemaw	Diagnostic	27991	1333095
2021/11/24 15:06:49	Ogemaw	Serology	701	33386
2021/11/24 15:06:49	Ogemaw	Total	28692	1366481
2021/11/24 15:06:49	Ontonagon	Diagnostic	9977	1744231
2021/11/24 15:06:49	Ontonagon	Serology	73	12762
2021/11/24 15:06:49	Ontonagon	Total	10050	1756993
2021/11/24 15:06:49	Osceola	Serology	1455	62020
2021/11/24 15:06:49	Osceola	Diagnostic	35652	1519693
2021/11/24 15:06:49	Osceola	Total	37107	1581714
2021/11/24 15:06:49	Oscoda	Diagnostic	7986	969057
2021/11/24 15:06:49	Oscoda	Serology	412	49994
2021/11/24 15:06:49	Oscoda	Total	8398	1019051
2021/11/24 15:06:49	Otsego	Diagnostic	34399	1394479
2021/11/24 15:06:49	Otsego	Serology	1329	53875
2021/11/24 15:06:49	Otsego	Total	35728	1448354
2021/11/24 15:06:49	Ottawa	Serology	18281	62643
2021/11/24 15:06:49	Ottawa	Diagnostic	524799	1798304
2021/11/24 15:06:49	Ottawa	Total	543080	1860946
2021/11/24 15:06:49	Presque Isle	Serology	644	51144
2021/11/24 15:06:49	Presque Isle	Diagnostic	14959	1187976
2021/11/24 15:06:49	Presque Isle	Total	15603	1239120
2021/11/24 15:06:49	Roscommon	Diagnostic	30105	1253383
2021/11/24 15:06:49	Roscommon	Serology	902	37554
2021/11/24 15:06:49	Roscommon	Total	31007	1290936
2021/11/24 15:06:49	Saginaw	Serology	11006	57762
2021/11/24 15:06:49	Saginaw	Diagnostic	334997	1758154
2021/11/24 15:06:49	Saginaw	Total	346003	1815917
2021/11/24 15:06:49	Sanilac	Serology	1932	46927
2021/11/24 15:06:49	Sanilac	Diagnostic	63670	1546514
2021/11/24 15:06:49	Sanilac	Total	65602	1593442
2021/11/24 15:06:49	Schoolcraft	Diagnostic	7019	867186
2021/11/24 15:06:49	Schoolcraft	Serology	73	9019
2021/11/24 15:06:49	Schoolcraft	Total	7092	876205
2021/11/24 15:06:49	Shiawassee	Serology	3268	47973
2021/11/24 15:06:49	Shiawassee	Diagnostic	101181	1485291
2021/11/24 15:06:49	Shiawassee	Total	104449	1533264
2021/11/24 15:06:49	St Clair	Serology	10961	68882
2021/11/24 15:06:49	St Clair	Diagnostic	208351	1309330
2021/11/24 15:06:49	St Clair	Total	219312	1378211
2021/11/24 15:06:49	St Joseph	Diagnostic	78008	1279575
2021/11/24 15:06:49	St Joseph	Serology	2020	33134
2021/11/24 15:06:49	St Joseph	Total	80028	1312709
2021/11/24 15:06:49	Tuscola	Diagnostic	83391	1596153
2021/11/24 15:06:49	Tuscola	Serology	2792	53441
2021/11/24 15:06:49	Tuscola	Total	86183	1649593
2021/11/24 15:06:49	Unknown	Serology	32980	
2021/11/24 15:06:49	Unknown	Diagnostic	678172	
2021/11/24 15:06:49	Unknown	Total	711152	
2021/11/24 15:06:49	Van Buren	Serology	2000	26428

2021/11/24 15:06:49	Van Buren	Diagnostic	129494	1711141
2021/11/24 15:06:49	Van Buren	Total	131494	1737569
2021/11/24 15:06:49	Washtenaw	Serology	20667	56221
2021/11/24 15:06:49	Washtenaw	Diagnostic	1035682	2817408
2021/11/24 15:06:49	Washtenaw	Total	1056349	2873629
2021/11/24 15:06:49	Wayne	Serology	95682	86683
2021/11/24 15:06:49	Wayne	Diagnostic	2025446	1834956
2021/11/24 15:06:49	Wayne	Total	2121128	1921639
2021/11/24 15:06:49	Wexford	Diagnostic	44333	1318218
2021/11/24 15:06:49	Wexford	Serology	1505	44750
2021/11/24 15:06:49	Wexford	Total	45838	1362969

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-11-24

MessageDate	COUNTY	Negative	Positive	Total
11/23/2021	Alcona	19	5	24
11/23/2021	Alger	5	3	8
11/23/2021	Allegan	339	103	442
11/23/2021	Alpena	78	19	97
11/23/2021	Antrim	59	19	78
11/23/2021	Arenac	34	6	40
11/23/2021	Baraga	2	6	8
11/23/2021	Barry	122	57	179
11/23/2021	Bay	304	86	390
11/23/2021	Benzie	45	10	55
11/23/2021	Berrien	399	157	556
11/23/2021	Branch	119	38	157
11/23/2021	Calhoun	602	168	770
11/23/2021	Cass	94	27	121
11/23/2021	Charlevoix	44	10	54
11/23/2021	Cheboygan	36	4	40
11/23/2021	Chippewa	74	8	82
11/23/2021	Clare	96	27	123
11/23/2021	Clinton	158	39	197
11/23/2021	Correctional	162	18	180
11/23/2021	Crawford	23	11	34
11/23/2021	Delta	99	18	117
11/23/2021	Detroit City	1768	314	2082
11/23/2021	Dickinson	61	11	72
11/23/2021	Eaton	344	124	468
11/23/2021	Emmet	60	8	68
11/23/2021	Genesee	1030	332	1362
11/23/2021	Gladwin	106	15	121
11/23/2021	Gogebic	46	13	59
11/23/2021	Grand Traverse	260	69	329
11/23/2021	Gratiot	102	19	121
11/23/2021	Hillsdale	95	41	136
11/23/2021	Houghton	172	96	268
11/23/2021	Huron	72	15	87
11/23/2021	Ingham	1067	188	1255
11/23/2021	Ionia	237	87	324
11/23/2021	Iosco	60	24	84
11/23/2021	Iron	43	14	57
11/23/2021	Isabella	300	35	335
11/23/2021	Jackson	627	225	852
11/23/2021	Kalamazoo	1209	256	1465
11/23/2021	Kalkaska	46	17	63
11/23/2021	Kent	2808	788	3596
11/23/2021	Keweenaw	11	4	15
11/23/2021	Lake	22	5	27
11/23/2021	Lapeer	177	87	264
11/23/2021	Leelanau	28	8	36

11/23/2021	Lenawee	243	85	328
11/23/2021	Livingston	534	177	711
11/23/2021	Luce	7	5	12
11/23/2021	Mackinac	20	2	22
11/23/2021	Macomb	2600	634	3234
11/23/2021	Manistee	60	17	77
11/23/2021	Marquette	185	37	222
11/23/2021	Mason	123	36	159
11/23/2021	Mecosta	94	31	125
11/23/2021	Menominee	58	6	64
11/23/2021	Midland	270	64	334
11/23/2021	Missaukee	13	4	17
11/23/2021	Monroe	356	81	437
11/23/2021	Montcalm	172	39	211
11/23/2021	Montmorency	20	4	24
11/23/2021	Muskegon	524	195	719
11/23/2021	Newaygo	110	44	154
11/23/2021	Oakland	4022	699	4721
11/23/2021	Oceana	82	36	118
11/23/2021	Ogemaw	45	8	53
11/23/2021	Ontonagon	9	0	9
11/23/2021	Osceola	73	19	92
11/23/2021	Oscoda	10	3	13
11/23/2021	Otsego	85	16	101
11/23/2021	Ottawa	1132	345	1477
11/23/2021	Presque Isle	29	8	37
11/23/2021	Roscommon	51	17	68
11/23/2021	Saginaw	547	155	702
11/23/2021	Sanilac	104	33	137
11/23/2021	Schoolcraft	1	0	1
11/23/2021	Shiawassee	352	118	470
11/23/2021	St Clair	409	112	521
11/23/2021	St Joseph	121	53	174
11/23/2021	Tuscola	154	64	218
11/23/2021	Unknown	928	180	1108
11/23/2021	Van Buren	287	97	384
11/23/2021	Washtenaw	2496	176	2672
11/23/2021	Wayne	6240	1151	7391
11/23/2021	Wexford	66	18	84
11/22/2021	Alcona	15	4	19
11/22/2021	Alger	3	1	4
11/22/2021	Allegan	344	66	410
11/22/2021	Alpena	84	26	110
11/22/2021	Antrim	11	4	15
11/22/2021	Arenac	42	8	50
11/22/2021	Baraga	18	0	18
11/22/2021	Barry	113	34	147
11/22/2021	Bay	195	53	248
11/22/2021	Benzie	21	6	27
11/22/2021	Berrien	214	70	284

11/22/2021	Branch	104	25	129
11/22/2021	Calhoun	405	112	517
11/22/2021	Cass	41	13	54
11/22/2021	Charlevoix	17	6	23
11/22/2021	Cheboygan	20	4	24
11/22/2021	Chippewa	55	8	63
11/22/2021	Clare	79	17	96
11/22/2021	Clinton	119	34	153
11/22/2021	Correctional	64	2	66
11/22/2021	Crawford	21	4	25
11/22/2021	Delta	106	13	119
11/22/2021	Detroit City	1201	232	1433
11/22/2021	Dickinson	46	5	51
11/22/2021	Eaton	279	96	375
11/22/2021	Emmet	34	10	44
11/22/2021	Genesee	871	270	1141
11/22/2021	Gladwin	81	24	105
11/22/2021	Gogebic	20	9	29
11/22/2021	Grand Traverse	114	31	145
11/22/2021	Gratiot	73	10	83
11/22/2021	Hillsdale	91	41	132
11/22/2021	Houghton	49	24	73
11/22/2021	Huron	33	16	49
11/22/2021	Ingham	876	166	1042
11/22/2021	Ionia	124	34	158
11/22/2021	Iosco	55	11	66
11/22/2021	Iron	33	7	40
11/22/2021	Isabella	87	19	106
11/22/2021	Jackson	352	97	449
11/22/2021	Kalamazoo	1086	163	1249
11/22/2021	Kalkaska	26	8	34
11/22/2021	Kent	1875	408	2283
11/22/2021	Keweenaw	1	4	5
11/22/2021	Lake	22	1	23
11/22/2021	Lapeer	198	91	289
11/22/2021	Leelanau	17	4	21
11/22/2021	Lenawee	534	73	607
11/22/2021	Livingston	488	136	624
11/22/2021	Luce	12	1	13
11/22/2021	Mackinac	13	5	18
11/22/2021	Macomb	2028	484	2512
11/22/2021	Manistee	30	7	37
11/22/2021	Marquette	121	18	139
11/22/2021	Mason	64	25	89
11/22/2021	Mecosta	61	14	75
11/22/2021	Menominee	36	8	44
11/22/2021	Midland	279	59	338
11/22/2021	Missaukee	12	6	18
11/22/2021	Monroe	386	75	461
11/22/2021	Montcalm	163	43	206

11/22/2021	Montmorency	15	6	21
11/22/2021	Muskegon	493	142	635
11/22/2021	Newaygo	58	31	89
11/22/2021	Oakland	3664	580	4244
11/22/2021	Oceana	63	22	85
11/22/2021	Ogemaw	51	18	69
11/22/2021	Ontonagon	14	2	16
11/22/2021	Osceola	32	7	39
11/22/2021	Oscoda	10	2	12
11/22/2021	Otsego	44	17	61
11/22/2021	Ottawa	699	192	891
11/22/2021	Presque Isle	21	2	23
11/22/2021	Roscommon	75	17	92
11/22/2021	Saginaw	510	135	645
11/22/2021	Sanilac	77	32	109
11/22/2021	Schoolcraft	2	0	2
11/22/2021	Shiawassee	153	65	218
11/22/2021	St Clair	429	111	540
11/22/2021	St Joseph	100	31	131
11/22/2021	Tuscola	105	46	151
11/22/2021	Unknown	504	442	946
11/22/2021	Van Buren	208	42	250
11/22/2021	Washtenaw	2727	206	2933
11/22/2021	Wayne	3417	774	4191
11/22/2021	Wexford	24	16	40